

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Akifumi KAMIJIMA

Application No.: New Divisional of Application No. 09/369,253

Filed: February 19, 2002

Docket No.: 103977.01

For: THIN FILM MAGNETIC HEAD AND
METHOD OF MANUFACTURING THE SAME

PRELIMINARY AMENDMENT

Director of the U.S. Patent and Trademark Office
Washington, D. C. 20231

Sir:

Prior to initial examination, please amend the above-identified application as follows:

IN THE SPECIFICATION:

Page 17, lines 5-13, delete current paragraph and insert therefor:

For example, if the saturated magnetic flux density of the main magnetic film 224 is larger than that of the subsidiary magnetic film 225, the high frequency recording characteristic can be improved. In this case, the subsidiary magnetic film 225 is made of a permalloy having a composition of Ni(80%)-Fe(20%) and the main magnetic film 224 is made of a permalloy having a composition of Ni(50%)-Fe(50%). As another means to improve the high frequency recording characteristic, it is effective to make large the resistivity of the main magnetic film 224 than that of the subsidiary magnetic film 225.

REMARKS

Claims 13-19 are pending. By this Preliminary Amendment, the specification is amended. No new matter is added. Prompt and favorable examination on the merits is respectfully requested.

The attached Appendix includes a marked-up copy of the rewritten paragraph (37 C.F.R. §1.121(b)(1)(iii)).

Respectfully submitted,



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JAO:EDM/gam

Attachment:
Appendix

Date: February 19, 2002

OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400

DEPOSIT ACCOUNT USE AUTHORIZATION Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461
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APPENDIX

Changes to Specification:

The following is a marked-up version of the amended paragraph:

Page 17, lines 5-13:

For example, if the saturated magnetic flux density of the main magnetic film 224 is larger than that of the subsidiary magnetic film 225, the high frequency recording characteristic can be improved. In this case, the subsidiary magnetic film 225 is made of a permalloy having a composition of Ni(80%)-Fe(20%) and the main magnetic film 224 is made of a permalloy having a composition of Ni(50%)-Fe(50%). As another means to improve the high frequency recording characteristic, it is effective to make large the resistivity of the main magnetic film 224~~225~~ than that of the subsidiary magnetic film 225.